## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE TRANSMITTAL FORM

In re Application of LANAR et al.

Serial No.: 10/706,435

Examiner: Unknown
Group Art Unit:

Attny Docket: 003/285/SAP

Filed: November 12, 2003

For: Expression, Purification and Uses of a Plasmodium falciparum Liver Stage Antigen

1 Polypeptide

11 January 2005

Mail Stop: Non-Fee Amendment Commissioner for Patents P. O. Box 1450 Alexandria, Virginia 22313-1450

Sir:

Transmitted for filing herewith are the following items:

[x] Information Disclosure Statement [x] 1449 form

Fee required \$0.00

Please charge the above fee and any missing or inadequate fee re this paper to Deposit Account No. 21-0380 for which purpose a duplicate copy of this sheet is attached.

Respectfully submitted,

Elizabeth Arwine

U.S. Agent No. 45,867

U.S. Army Medical and Materiel Command 504 Scott Street

Fort Detrick, Maryland 21702-5012

ATTN: MCMR JA (Elizabeth Arwine- Patent Atty)

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop: Non-Fee Amendment, P. O. Box 1450, Alexandria, VA 22313-1450 on the date of 11 January 2005.

Respectfully submitted,

Sana A. Pratt

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## INFORMATION DISCLOSURE STATEMENT

Mail Stop Non-Fee Amendment Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

Sir:

In connection with the subject application, submitted herewith is a PTO form 1449 disclosing one reference, a U.S. Patent disclosing peptide sequences for liver stage antigens of *P. falciparum*.

This IDS is intended to be in full compliance with the rules but should the Examiner find any part of the requirements to have been omitted, prompt notice to that effect is requested along with additional time under Rule 97(f) to enable applicants to comply.

Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with Examiner's initials in the left column per MPEP 609 are earnestly solicited.

Respectfully submitted,

Elizabeth Arwine U.S. Reg. No. 45,867

U.S. A. MRMC 504 Scott Street Fort Detrick, MD 21702-5012

ATTN: MCMR -JA (Elizabeth Arwine-Patent Atty)

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Sana A. Pratt

U.S. Reg. No. 39,441

| Form PTO-1449 U.S. Department of Commerce<br>Patent and Trademark Office |         |               |                |                      |         |              |     |                 | 2                                  | DATE: 11 January 2005         |                  |                              |                     | Sheet1 of1                       |                |                                   |     |  |
|--|---------|---------------|----------------|----------------------|---------|--------------|-----|-----------------|------------------------------------|-------------------------------|------------------|------------------------------|---------------------|----------------------------------|----------------|-----------------------------------|-----|--|
| INFORMATION DISCLOSURE STATEMENT<br>BY APPLICANT                         |         |               |                |                      |         |              |     |                 |                                    | GROUP ART UNIT: Unknown       |                  |                              |                     | CLIENT /MATTER: 003/285/SAP      |                |                                   |     |  |
|  |         |               |                |                      |         |              |     |                 | APPLICANT (inventors) Lanar et al. |                               |                  |                              | EXAMINER<br>Unknown |                                  |                |                                   |     |  |
| 15.57 8  | , M     | 3             | <del>-</del> - |                      |         |              |     |                 |                                    | APPLICATION NO.<br>10/706,435 |                  |                              |                     | FILING DATE<br>November 12, 2003 |                |                                   |     |  |
| Ž.   |         |               |                |                      |         |              |     |                 |                                    | U. S. PATI                    | ENT DO           | CUMENT                       | rs                  | <del></del>                      |                |                                   |     |  |
| Examiner's<br>Initials   |         | Document Numb |                |                      |         |              | er  | Date<br>Mo./Yr. | (F                                 | Namily Name                   | lame<br>of First | Inventor)                    |                     | Class                            | Subclass       | Filing Date If appropriate        |     |  |
| <del></del>  | AR      | 6             | [3             |                      | 9 5 0 2 |              | 2   | 11/01 Gue       |                                    | rin-Marchand et al.           |                  |                              |                     |                                  |                |                                   |     |  |
|  | BR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
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|  | <b></b> | •             |                |                      |         |              |     |                 | FC                                 | REIGN PA                      | ATENT            | DOCUME                       | NTS                 |                                  |                |                                   |     |  |
|  |         | Document Num  |                |                      |         | mbe          | er  | Date<br>Mo./Xr. |                                    | Country                       |                  | English Abstract Enclosed No |                     | Class                            | Subclass       | Translation Available Enclosed No |     |  |
|  | NR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  |         |               | <b>,</b>       | ŌΤ                   | HE      | Rİ           | 000 | CUMENT          | 'S (Includii                       | ng in this or                 | der, Aut         | hor, Title, F                | Periodica           | Name, D                          | ate, Pertinent | Pages, Etc.)                      |     |  |
|  | QR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | RR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | SR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | TR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | UR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | VR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
|  | WR      |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     |                                  |                |                                   |     |  |
| EXAMINE  | I       |               |                |                      |         |              |     |                 |                                    |                               |                  |                              | DATE                | CONSIDER                         | ED             |                                   |     |  |
|  |         |               |                |                      |         |              |     |                 |                                    |                               |                  |                              |                     | <b></b>                          |                |                                   |     |  |

<sup>\*</sup> EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SAP-1449 1/97